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## Please amend claims 1 - 2, 4 - 11, 14, 16, 30 - 32 and 37 as follows:

(Amended) A fusion protein having binding specificity for human interleukin-4 (IL4) [which comprises] comprising:

six complementarity determining regions (CDRs), [derived] wherein said six CDRs include three heavy chain CDRs and three light chain CDRs and at least one of said CDRs is obtained from a non-human neutralizing monoclonal antibody [characterized by] having a dissociation constant equal to or less than 2 x 10<sup>-10</sup> M for human IL4, and

a first protein or peptide encoded by a first fusion partner.

- 2. (Amended) The fusion protein according to claim 1 [which] wherein said first protein or peptide is operatively linked to a second protein or peptide encoded by a second fusion partner.
- 4. (Amended) The fusion protein according to claim 2 wherein said second fusion partner comprises [all\_or\_part-of] a component selected from the group consisting of an immunoglobulin constant heavy chain, [or] an immunoglobulin constant light chain, [or] and both.
- 5. (Amended) The fusion protein according to claim 1 wherein said first protein comprises [fusion-partner-sequence-is-the-heavy-chain-sequence-of:]-amino acids 21-50, 56-71, 88-119, and 131-141 of SEQ ID NO:12 sequentially.
- 6. (Amended) The fusion protein according to claim 1 wherein said first protein comprises [fusion partner sequence is the light chain sequence of:] amino acids 20-42, 58-72, 80-111, and 121-131 of SEQ ID NO: 14 sequentially.

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- 7. (Amended) The fusion protein according to claim 1 wherein a first of said heavy chain CDRs is [said amino acid sequences of the complementarity determining regions for the heavy chain are:
- (a)] ThrSerGlyMetGlyValSer: SEQ ID NO:22, a second of said heavy chain CDRs is
  - [(b)] HisIleTyrTrpAspAspAspLysArgTyrAsnProSerLeuLysSer: SEQ ID NO:24, [or
- (c)] and a third of said heavy chain CDRs is ArgGluThrValPheTyrTrpPheAspVal: SEQ ID NO:26.
- 8. (Amended) The fusion protein according to claim 1 wherein a first of said light chain CDRs is [said-amino-acid-sequences of the complementarity determining regions-for-the-light-chain are:
  - (a) [Lett] Lys AlaSerGlnSerValAspTyrAspGlyAspSerTyrMetAsn: SEQ ID NO:16,
  - [(b)] a second of said light chain CDRs is AlaAlaSerAsnLeuGluSer: SEQ ID NO:18, [or
- and a third of said light chain CDRs is GlnGlnSerAsnGluAspProProArg: SEQ ID NO:28.
- 9. (Amended) The fusion protein according to claim 1 wherein a first of said light chain CDRs is [said-amino-acid-sequences of the complementarity determining regions for the light-chain are:
  - -(a)]- LysAlaSerGlnSerValAspTyrAspGlyAspSerTyrMetAsn: SEQ ID NO:16,
  - [(b)] a second of said light chain CDRs is AlaAlaSerAsnLeuGluSer: SEQ ID NO:18, for
- and a third of said light chain CDRs is GlnGlnSerAsnGluAspProProThr: SEQ ID NO:20.

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10. (Amended) An immunoglobulin heavy chain complementarity determining region (CDR), the amino acid sequence of which is selected from the group consisting of:

- -{(a) ThirSerGlyMetGlyVatSer:-SEQ-ID-NO:22,}\_
- ([16]a) HisIleTyrTrpAspAspAspLysArgTyrAsnProSerLeuLysSer: SEQ ID NO:24, and
- ([]b) ArgGluThrValPheTyrTrpPheAspVal: SEQ ID NO:26.
- 11. (Amended) An immunoglobulin light chain complementarity determining region (CDR), the amino acid sequence of which is selected from the group consisting of:
  - [(a) LeuAlaSerGlnSerValAspTyrAspGlyAspSerTyrMetAsn: SEQID NO:16;
  - (b)—AlaAlaSerAsnLeuGluSer: SEQ ID NO:18, ]
  - ([12]) GlnGlnSerAsnGluAspProProArg: SEQ ID NO:28; and
  - ([A]b) GlnGlnSerAsnGluAspProProThr: SEQ ID NO:20.
- 14. (Amended) A humanized antibody comprising a heavy chain and a light chain, said antibody [characterized by] <u>having</u> a dissociation constant equal to or less than about 2 x 10<sup>-10</sup> M for human IL4, wherein the framework regions of said heavy and light chains are [derived] <u>obtained</u> from at least one selected human antibody and the amino acid sequences of the complementarity determining regions of each said chain are [derived] <u>obtained</u> from a non-human neutralizing monoclonal antibody specific for human IL4 [characterized by] <u>having</u> a dissociation constant equal to or less than about 2 x 10<sup>-10</sup> M for human IL4.
- 16. (Amended) A chimeric antibody comprising a heavy chain and a light chain, said antibody [characterized by] having a dissociation constant equal to or less than about 2 x 10<sup>-10</sup> M for human IL4, wherein the amino acid sequences of the complementarity determining regions of said heavy chain and said light chain are derived from a non-human neutralizing monoclonal

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Antibody specific for human IL4 [characterized by] having a dissociation constant equal to or less than about 2 x  $10^{-10}$  M for human IL4.

30. (Amended) A method for [diagnosing allergies and other conditions associated with] detecting excess immunoglobulin E production in a human which comprises contacting a sample of biological fluid with a high titer monoclonal antibody for human IL4 and assaying for the occurrence of binding between said monoclonal antibody and human interleukin 4.

- 31. (Amended) A method for screening monoclonal antibodies which have a high titer for human interleukin 4 which comprises:
- a) preparing a hybridoma cell line characterized by secretion of a monoclonal antibody to human interleukin 4; and
- b) screening said hybridoma cell line with aldehyde[-coupled] <u>labeled</u> human interleukin-4 or biotinylated human interleukin-4, <u>wherein said human interleukin-4 is not</u> denatured.

32. (Amended) A neutralizing monoclonal antibody having a high titer for human interleukin-4 a Fab fragment or a F(ab')<sub>2</sub> fragment thereof, produced by screening a library of hydridoma products with aldehyde[-coupled] <u>labeled</u> human interleukin-4 or biotinylated human interleukin-4.

37. (Amended) The monoclonal antibody according to claim 36 [having the identifying characteristics of] wherein said monoclonal antibody is 6A1.

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